CLAIMS:

1. A method of displaying a series of images according to a user's position relative to a display screen, said display method comprising:

5 displaying a first image from the series of images;

receiving information regarding a change in the user's position relative to the display screen; and

displaying a second image from the series of images in response to the change in the user's position.

10

2. The method of displaying according to claim 1 wherein the series of images is a series of 2-dimensional images.

3. The method of displaying according to claim 1 wherein the change in the

15 user's position is determined by a change in the user's head position.

4. The method of displaying according to claim 3 wherein the second image is an image from the series of images determined by the user's head position where the change in the user's head position is a result of movement selected

20 from the group consisting of left head roll, right head roll, up tilt, down tilt, right translation, left translation, forward translation and backward translation.

5. The method of displaying according to claim 4 wherein the right translation and left translation produce a continuous rotation of images in the series of images.

5   6. The method of displaying according to claim 3 wherein the second image is the first image displayed with new display characteristics.

7. The method of displaying according to claim 6 wherein the new display characteristic for the first image is selected from the group consisting of right
10 translation, left translation, increase in scale and decrease in scale in response to the user's head position where the change in the user's head position is a result of movement selected from the group consisting of right translation, left translation, forward translation and backward translation.

15 8. The method of displaying according to claim 1 wherein the first image is a center image of the series of images.

9. The method of displaying according to claim 1 wherein if the second image is not available to be displayed then an available image in the series of
20 images closest to the second image is displayed.

10. A method of simultaneously receiving, displaying and interacting with a series of images in response to movement of an interactive device, said display method comprising:

(a) receiving for display a first image from the series of images;

5 (b) receiving for display subsequent images from the series of images; and

(c) permitting viewing of and interacting with the first image while performing step (b) where interaction with the first image is in response to signals from the interactive device.

10

11. The method according to claim 10 wherein the series of images is a series of 2-dimensional images.

12. The method according to claim 10 wherein the signals from the interactive 15 device represent movement of the interactive device.

13. The method according to claim 12 further including the step of displaying a second image in response to movement of the interactive device.

20 14. The method according to claim 13 wherein the second image is an image from the series of images determined by the movement of the interactive device where the movement is selected from the group consisting of left movement, right movement, forward movement and backward movement.

15.   The method according to claim 11 wherein the right movement and left movement produce a continuous rotation of images in the series of images.

5   16.   The method according to claim 10 wherein the interactive device is that of a tracking ball.

17.   The method according to claim 10 wherein the interactive device is that of a joystick.

10

'18.   The method according to claim 10 wherein the interactive device tracks body part movement.

19.   The method according to claim 18 wherein the body part being tracked is

15   the head.

20.   The method according to claim 10 wherein the first image is a center image of the series of images.

20   21.   The method according to claim 13 wherein if the second image is not available to be displayed then an available image in the series of images closest to the second image is displayed.

22. A method of transmitting a series of images to increase fidelity of transmission, said transmission method comprising:

compressing a selected first image from the series of images;

separately compressing each image from the series of images; and

5 progressively transmitting each compressed image from the series of images in a manner that first transmits the selected first compressed image and then transmits each image from the series of images such that the further each image is from the selected first compressed image the later it is transmitted.

10 23. The method of transmitting according to claim 22 wherein the series of images is a series of 2-dimensional images.

24. The method according to claim 22 wherein the selected first compressed image is a center image in the series of images.

15

25. A computer readable medium having stored thereon computer – executable instructions for displaying a series of images according to a user's position relative to a display screen comprising the steps of:

displaying a first image from the series of images;

20 receiving information regarding a change in the user's position relative to the display screen; and

displaying a second image from the series of images in response to the change in the user's position.

26.   A computer readable medium having stored thereon computer –

executable instructions for simultaneously receiving, displaying and interacting

with a series of images in response to movement of an interactive device

5   comprising the steps of:

(a)   receiving for display a first image from the series of images;

(b)   receiving for display subsequent images from the series of images;

and

(c)   permitting viewing of and interacting with the first image while

10   performing step (b) where interaction with the first image is in response to signals

from the interactive device.

27.   A computer readable medium having stored thereon computer –

executable instructions for transmitting a series of images to increase the fidelity

15   of transmission comprising the steps of:

compressing a selected first image from the series of images;

separately compressing each image from the series of images; and

progressively transmitting each compressed image from the series of

images in a manner that first transmits the selected first compressed image and

20   then transmits each image from the series of images such that the further each

image is from the selected first compressed image the later it is transmitted.

28.   A method of increasing the scale of a portion of a displayed object, said method comprising:

    providing a perpetual foreground icon for accessing a magnification tool;

    accessing the magnification tool;

5   tracking movement of an interactive device;

    displaying a specified area as an enlarged area; and

    changing an enlargement power in response to the interactive device

while tracking movement and displaying the specified area.

10   29.   A computer readable medium having stored thereon computer –

executable instructions for increasing the scale of a portion of a displayed object

comprising the steps of:

    providing a perpetual foreground icon for accessing a magnification tool;

    accessing the magnification tool;

15   tracking movement of an interactive device;

    displaying a specified area as an enlarged area; and

    changing an enlargement power in response to the interactive device

while tracking movement and displaying the specified area.